



2001 Toxics Release Inventory

RHODE ISLAND

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	835,111
Air Emissions	824,582
Surface Water Discharges	10,171
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	250
Other On-site Land Releases	108
Off-site Releases (Transfers Off-site to Disposal)*	262,989
Total On- and Off-site Releases	1,098,100
Recycled On-site	12,481,984
Recycled Off-site	10,014,959
Energy Recovery On-site	422,570
Energy Recovery Off-site	476,133
Treated On-site	5,071,277
Treated Off-site**	1,305,442
Quantity Released On- and Off-site***	1,192,889
Total Production-related Waste Managed	30,965,255
Non-production-related Waste Managed	12,835
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	9,997,176
Energy Recovery	447,193
Treatment	999,152
Publicly Owned Treatment Works (POTWs)	428,196
Metals and Metal Category Compounds*	4,124
Non-metal TRI Chemicals**	424,072
Other Off-site Transfers****	0
Transfers Off-site to Disposal (not including metals to POTWs)	259,719
Total Transfers Off-site for Further Waste Management, including Disposal	12,131,435

- * Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
- *** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
- **** Transfers reported without a valid waste management code.

For More Information . . .

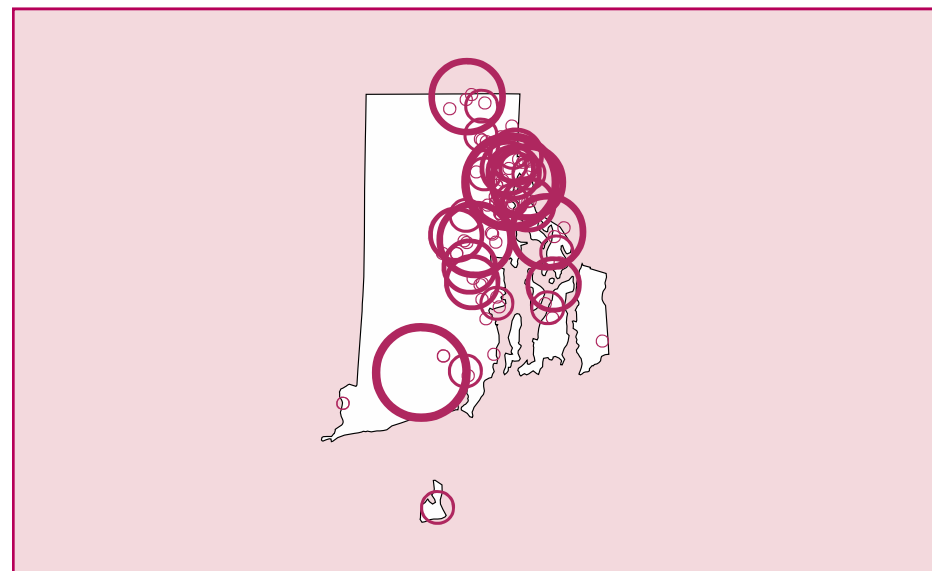
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Rhode Island. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	1,059,659
Square Miles	1,045
Total Facilities	160
Total Forms	435
Form As	61

	Total
National Rank for Total On- and Off-site Releases*	
Rank	50
Pounds	1,098,100
National Rank for Total On-site Releases**	
Rank	51
Pounds	835,111
National Rank for Total Releases within State***	
Rank	51
Pounds	980,748
National Rank for Production-related Waste Managed	
Rank	47
Pounds	30,965,255

- * Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Includes amounts released at the facility. Excludes amounts transferred to other sites.
- *** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
108-88-3	Toluene	211,493	4	0	0	25,063	236,560	8,648	0	25,063
78-93-3	Methyl ethyl ketone	189,477	0	0	0	4,802	194,279	456	0	4,802
7664-41-7	Ammonia	84,982	3,573	0	0	0	88,555	6	0	0
—	Zinc compounds	187	0	0	0	80,777	80,964	2,200	10,555	70,222
100-42-5	Styrene	78,807	0	0	0	0	78,807	2,704	0	0

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	81.03	2.00	0.00	0.00	9,907.22	9,990.25	3,112.10	1,684.62	8,222.60
7439-92-1	Lead	383.43	12.00	0.00	0.00	2,478.41	2,873.84	1,325.57	231.07	2,247.34
—	Polycyclic aromatic compounds	990.74	5.09	0.00	0.00	71.90	1,067.73	2.80	2.90	69.00
7439-97-6	Mercury	0.10	0.00	0.00	0.00	3.35	3.45	0.00	2.85	0.50
191-24-2	Benzo(g,h,i)perylene	0.02	0.00	0.00	0.00	0.93	0.95	0.00	0.23	0.70
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.83	0.83	0.00	0.82	0.01
—	Dioxin and dioxin-like compounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>0.012</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.001</i>	<i>0.013</i>	<i>0.080</i>	<i>0.001</i>	<i>0.000</i>
—	Mercury compounds	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Fibermark DSI, Johnston, Providence	104,635	0	0	0	0	0	104,635	0	0
Kenyon Ind. Inc., Shannock, Washington	89,500	0	0	0	0	0	89,500	0	0
Facile Holdings Inc., Rumford, Providence	56,033	0	0	0	0	0	56,033	0	0
Tech. Inds. Inc., Woonsocket, Providence	52,876	0	0	0	0	0	52,876	0	0
Soluol Chemical Co. Inc., West Warwick, Kent	46,977	0	0	0	0	0	46,977	0	0
TPI Composites Inc., Warren, Bristol	41,213	0	0	0	0	0	41,213	0	0
Pawtucket Power Associates, Pawtucket, Providence	35,733	0	0	0	0	0	35,733	0	0
Osram Sylvania Prods. Inc., Central Falls, Providence	34,164	0	0	0	0	0	34,164	14	197
Cooley Inc., Pawtucket, Providence	32,890	0	0	0	0	0	32,890	7,754	33,132
Stanley Fastening Sys., East Greenwich, Kent	30,384	0	0	0	0	0	30,384	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Tech. Inds. Inc., Woonsocket, Providence	621.00	0.00	0.00	0.00	0.00	0.00	621.00	0.00	0.00
Raytheon Co., Portsmouth, Newport	360.20	0.00	0.00	0.00	0.00	0.00	360.20	0.00	0.00
New England Union Co. Inc., West Warwick, Kent	339.00	0.00	0.00	0.00	0.00	0.00	339.00	0.00	0.00
Teknor Apex Co., Pawtucket, Providence	47.10	0.00	0.00	0.00	0.00	0.00	47.10	19.00	0.00
C & J Jewelry Co. Inc., Providence, Providence	12.00	12.00	0.00	0.00	0.00	0.00	24.00	0.00	12.00
Geib Refining Corp., Warwick, Kent	17.60	0.00	0.00	0.00	0.00	0.00	17.60	0.00	0.00
Sprague Providence RI, Providence, Providence	6.70	5.09	0.00	0.00	0.00	0.00	11.79	0.00	0.00
Antaya Techs. Corp., Cranston, Providence	10.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	250.00
Technical Materials Inc., Lincoln, Providence	10.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	25.00
Osram Sylvania Prods. Inc., Central Falls, Providence	9.30	0.00	0.00	0.00	0.00	0.00	9.30	13.50	196.70

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Fibermark DSI, Johnston, Providence	0	0	0	3,350	0	1,403	104,635	109,388	0
Kenyon Ind. Inc., Shannock, Washington	277,000	27,200	0	0	930,000	0	93,500	1,327,700	0
Cooley Inc., Pawtucket, Providence	0	0	0	0	0	0	86,452	86,452	0
Stanley Fastening Sys., North Kingstown, Washington	0	0	0	0	25,805	25,393	59,789	110,987	0
Semiconductor Components Inds.of RI Inc., East Greenwich, Kent	0	0	0	0	22,424	46,393	57,250	126,067	0
Facile Holdings Inc., Rumford, Providence	0	0	0	3,351	0	594	56,033	59,978	0
Tech. Inds. Inc., Woonsocket, Providence	0	0	0	0	0	0	52,876	52,876	0
Soluol Chemical Co. Inc., West Warwick, Kent	0	0	0	107,666	0	0	46,977	154,643	0
TPI Composites Inc., Warren, Bristol	0	0	0	0	0	0	41,213	41,213	0
Brookwood Laminating, Peace Dale, Washington	0	30,000	0	0	100,000	0	40,500	170,500	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Okonite Co., Ashton, Providence	0.00	0.00	0.00	0.00	0.00	0.00	5,384.00	5,384.00	0.00
Pease & Curren Inc., Warwick, Kent	0.00	0.00	0.00	0.00	0.00	0.00	2,565.00	2,565.00	0.00
General Cable Inds. L.L.C., Lincoln, Providence	0.00	1,027.00	0.00	0.00	0.00	0.00	1,100.00	2,126.00	0.00
Tech. Inds. Inc., Woonsocket, Providence	0.00	0.00	0.00	0.00	0.00	0.00	621.00	621.00	0.00
Microfin Corp., Providence, Providence	0.00	0.00	0.00	0.00	0.00	0.00	450.00	450.00	0.00
Raytheon Co., Portsmouth, Newport	0.00	0.00	0.00	26.00	0.00	0.00	365.00	391.00	0.00
New England Union Co. Inc., West Warwick, Kent	338,860.00	0.00	0.00	0.00	0.00	0.00	339.00	339,199.00	0.00
Brown & Sharpe Inc., North Kingstown, Washington	0.00	266.00	0.00	0.00	0.00	0.00	266.00	532.00	0.00
Antaya Techs. Corp., Cranston, Providence	0.00	20,533.00	0.00	0.00	0.00	0.00	260.00	20,793.00	0.00
Handy & Harman Electronic Materials, East Providence, Providence	0.00	103.00	0.00	0.00	0.00	0.00	230.00	333.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.